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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,201	03/11/2004	Jun Hatakeyama	118988	6399
25944 75	590 02/21/2006		EXAMINER	
OLIFF & BERRIDGE, PLC			SCHILLING, RICHARD L	
P.O. BOX 1992 ALEXANDRIA			ART UNIT	PAPER NUMBER
	•		1752	

DATE MAILED: 02/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	ω
	10/797,201	HATAKEYAMA ET AL.	
Office Action Summary	Examiner	Art Unit	
	Richard L. Schilling	1752	
The MAILING DATE of this communication a	ppears on the cover sheet with the	correspondence address	
Period for Reply		(0) 00 7 11077 (00) 00 10	
A SHORTENED STATUTORY PERIOD FOR REF WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period. - Failure to reply within the set or extended period for reply will, by stat Any reply received by the Office later than three months after the mai earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICATIO 1.136(a). In no event, however, may a reply be ti of will apply and will expire SIX (6) MONTHS fror ute, cause the application to become ABANDON	N. mely filed n the mailing date of this communication. ED (35 U.S.C. § 133).	
Status			
1) Responsive to communication(s) filed on <u>07</u>	December 2005		
	nis action is non-final.		
3) Since this application is in condition for allow		osecution as to the merits is	
closed in accordance with the practice under	·		
Disposition of Claims	•		
4)⊠ Claim(s) <u>1-16</u> is/are pending in the application	on.		
4a) Of the above claim(s) is/are withdo			
5) Claim(s) is/are allowed.			
6)⊠ Claim(s) <u>1-16</u> is/are rejected.			
7) Claim(s) is/are objected to.			
8) Claim(s) are subject to restriction and	l/or election requirement.		
Application Papers			
9) The specification is objected to by the Exami	ner.		
10) The drawing(s) filed on is/are: a) a		Examiner.	
Applicant may not request that any objection to the	•		
Replacement drawing sheet(s) including the corre			
11) The oath or declaration is objected to by the	Examiner. Note the attached Office	e Action or form PTO-152.	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreig	gn priority under 35 U.S.C. § 119(a	a)-(d) or (f).	
a) ☐ All b) ☐ Some * c) ☐ None of:		, , , , ,	
1. Certified copies of the priority docume	nts have been received.		
2. Certified copies of the priority docume	nts have been received in Applica	tion No	
Copies of the certified copies of the pr	iority documents have been receiv	ed in this National Stage	
application from the International Bure	eau (PCT Rule 17.2(a)).		
* See the attached detailed Office action for a li	st of the certified copies not receiv	ed.	
Attachment(s)			
1) Notice of References Cited (PTO-892)	4) Interview Summar		
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/0 	Paper No(s)/Mail D 8) Notice of Informal	Patent Application (PTO-152)	
Paper No(s)/Mail Date	6) Other:		

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The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 1. Claims 1-10 are rejected under 35 U.S.C. 102 (b) as being fully met by Smith. Smith (see particularly col. 2, lines 10-26; col. 5, lines 45-75; col. 6, lines 69-73; chromophores 4-13; example 1) discloses polysiloxanes with pendant epoxy crosslinking groups, pendant chromophore groups with carbonyl or amide, which meet the requirements of R2 and R3 of the instant claims, and pendant phenyl groups which are also light absorbers.
- 2. Claims 1-16 are rejected under 35 U.S.C. 102(b) as being fully met by Angelopoulos et al. Angelopoulos et al. (see particularly col. 3, lines 5-49; col. 4, lines 7-44) discloses polysiloxanes with pendant groups including epoxy crosslinkers, chromophore groups with carbonyl or amide groups within the scope of R2 and R3 of the instant claims and phenyl groups also within the scope of R2 of the instant claims. The polysiloxanes are used as antireflection layers under photoresists.
 - 3. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being fully met by

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Nakashima et al. Nakashima et al. (see particularly col. 3, line 18-col.4, line51; col.5, lines 33-57; col. 10, lines 36-66) discloses polysiloxanes with pendant groups including ester or amido groups within the scope of R3 of the instant claims, carboxylic acid groups and hydroxyl groups. Up to 50% of the hydroxyl or carboxyl groups may be replaced with crosslinking groups within the scope of R1 of the instant claims. R2, Z or Z' in Nakashima et al. would inherently be a light absorbing group within the scope of R2 of the instant claims, i.e. absorb light at some wavelength at least to some extent.

Any inquiry concerning this communication should be directed to Richard L. Schilling at telephone number 571-272-1335.

RICHARD L. SCHLLING PRIMARY EXAMINER

GROUP 1120